

FV0 test-beam preliminary results and amplitude parametrisation of ring 5

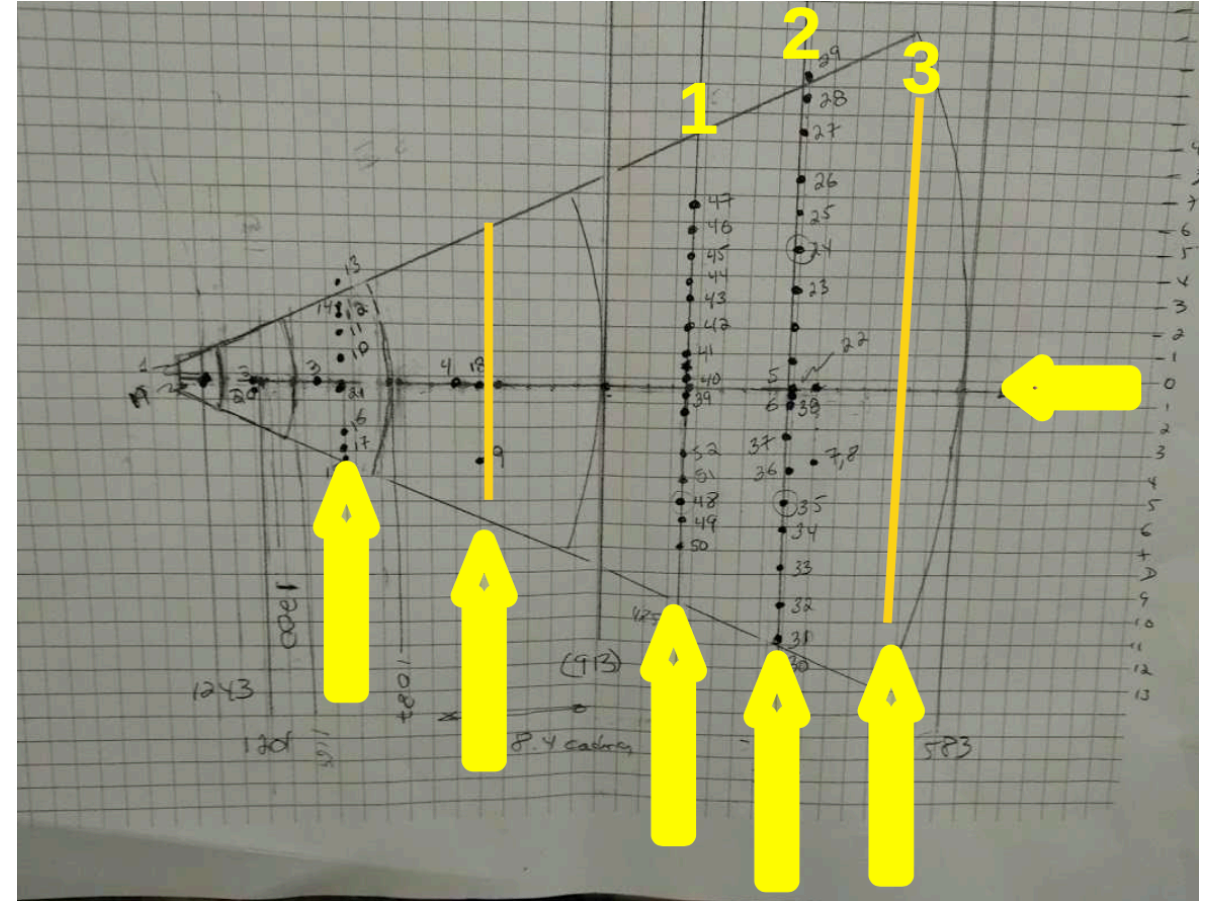
Arvind Khuntia

Data taking from 20/09/18

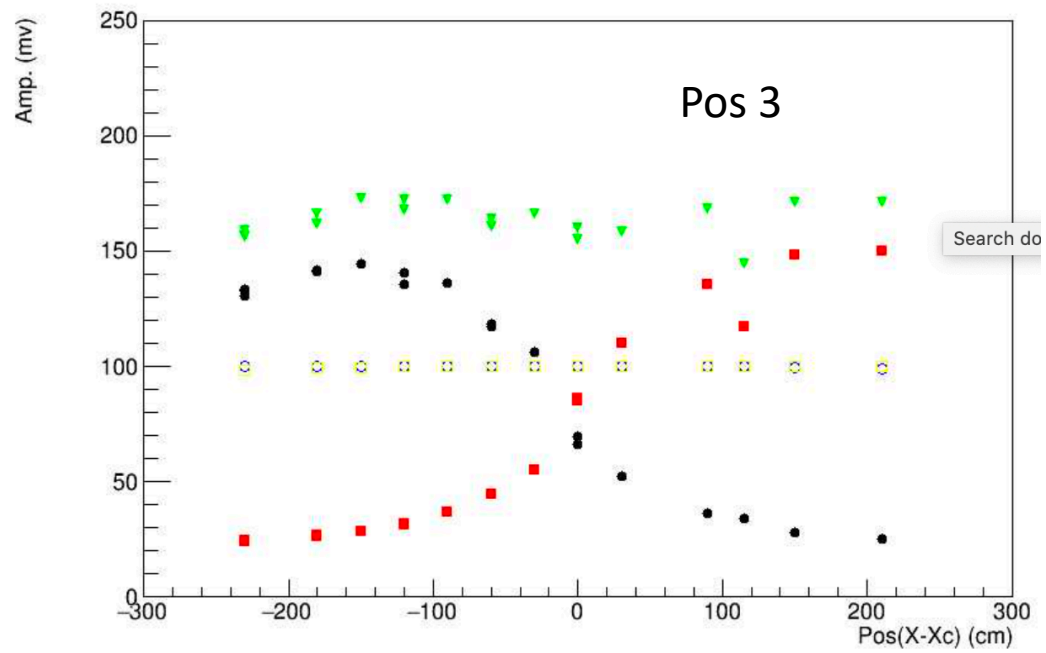
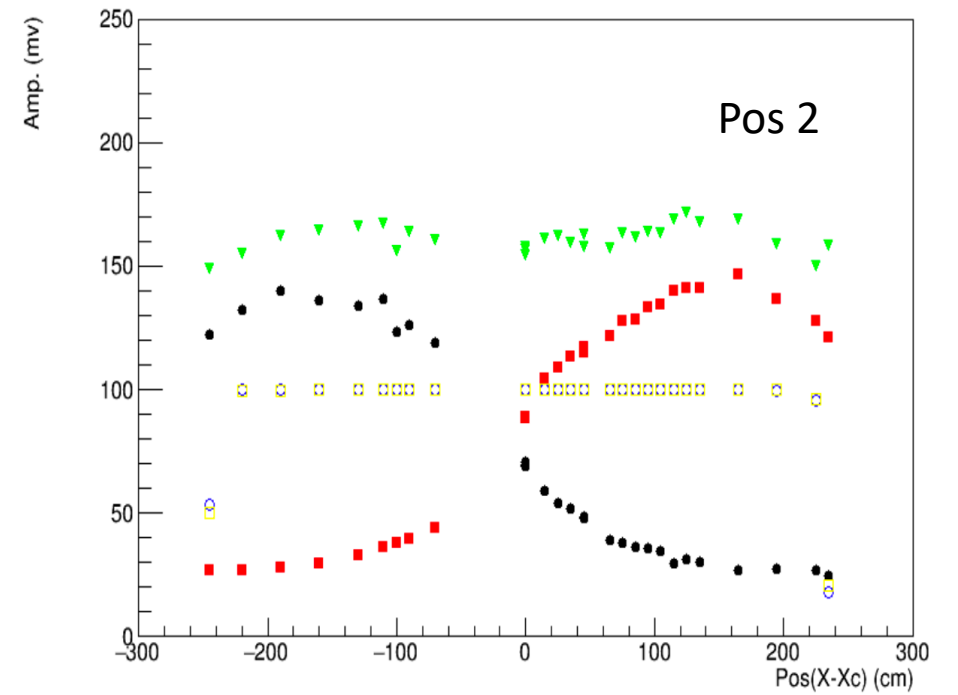
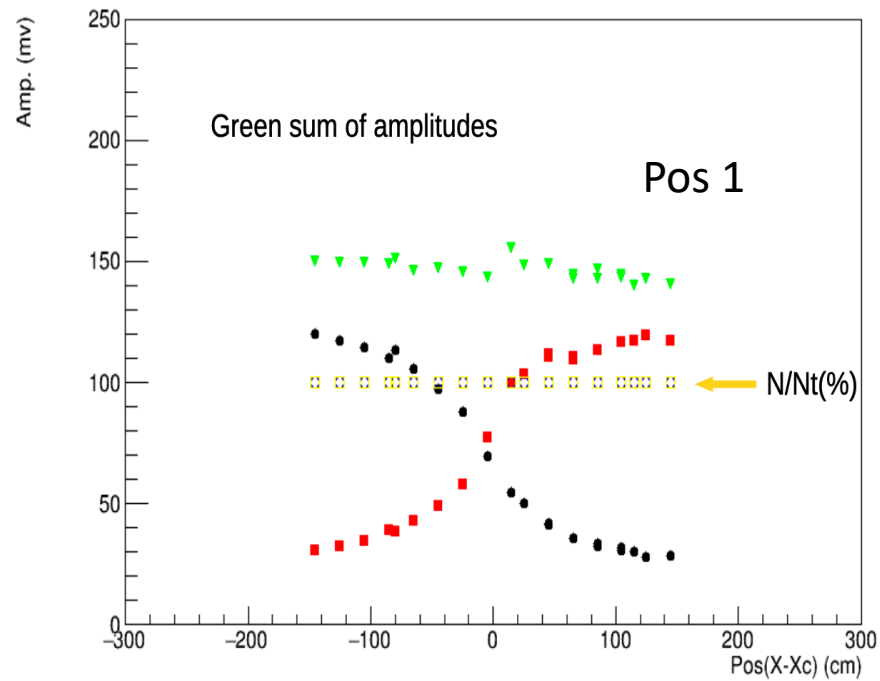
Experimental setup



Measured data points

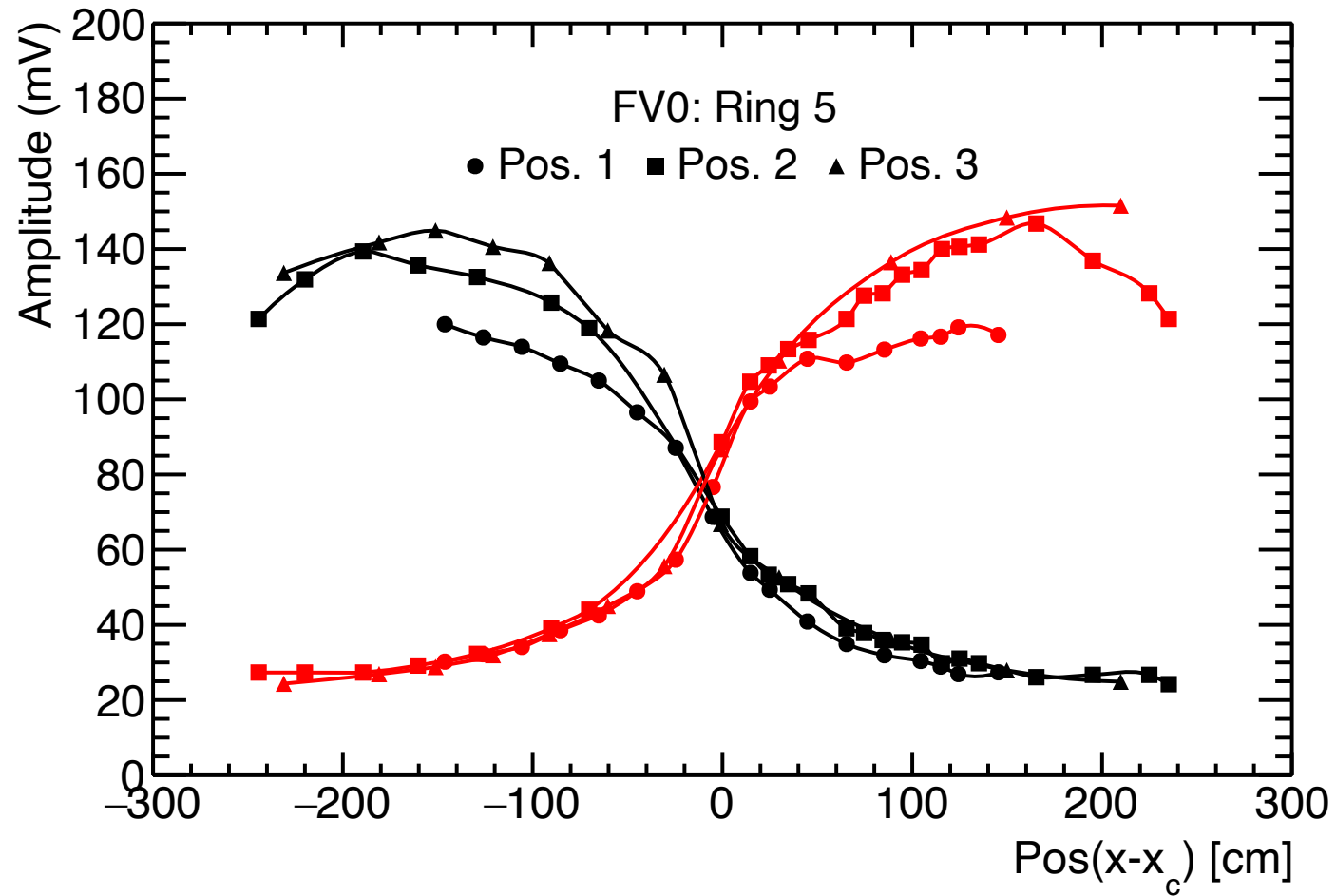


Ring 5 has three sets of vertical measured points: Pos (1), Pos (2) and Pos (3)

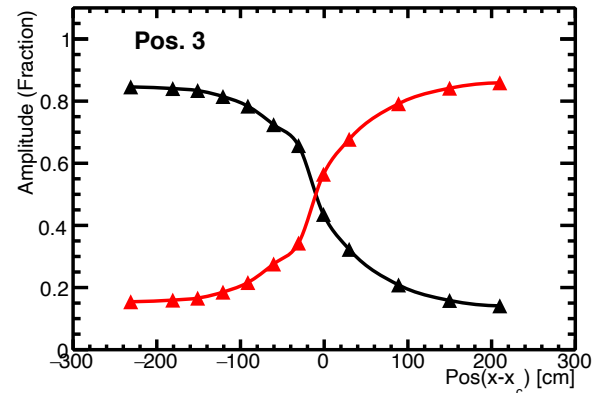
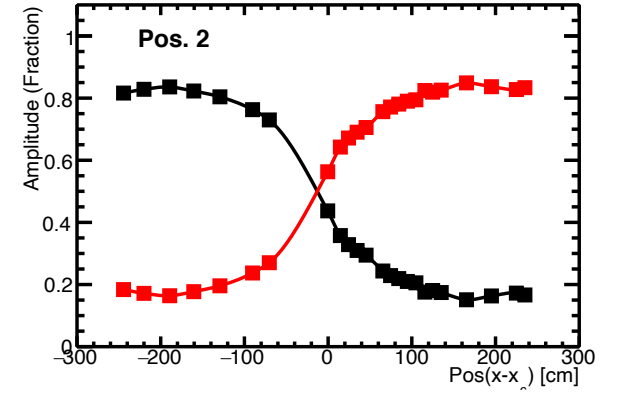
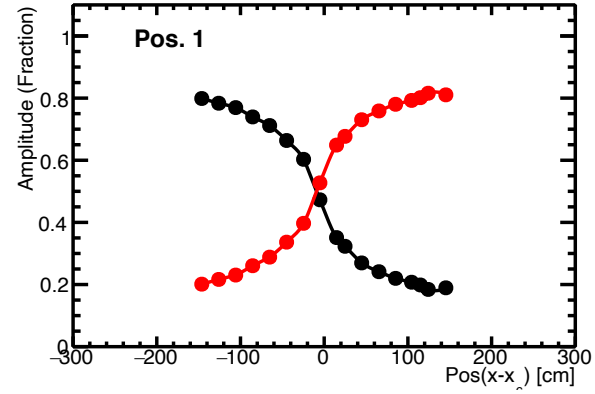
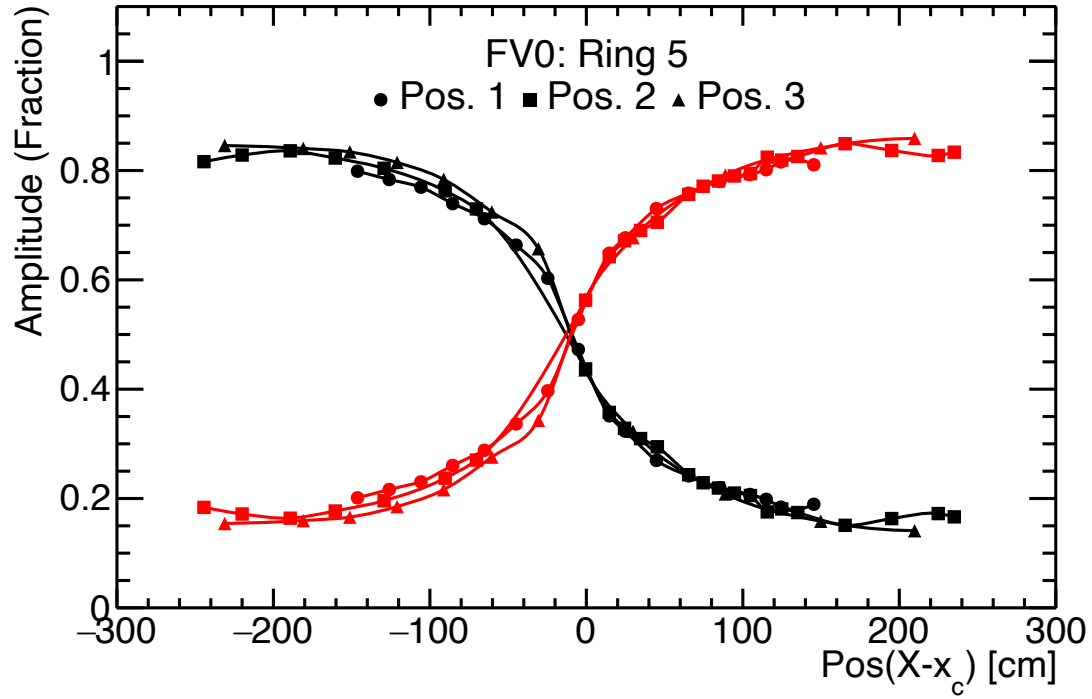


- Amplitude Vs Scanned position
- These values can be used to split the amplitude for ring 5 in the digitizer

Comparison of amplitudes in different positions



Normalized amplitudes in different positions



FV0: Ring 5
● Pos. 1 ■ Pos. 2 ▲ Pos. 3

Normalized averaged amplitudes Vs Pos($x-x_c$)

